

**AGENDA**  
**CALIFORNIA BICYCLE ADVISORY COMMITTEE**

April 8, 2010 - 10:00 a.m. to 3:00 p.m.  
Room 2116, Second Floor  
Department of Transportation Building  
1120 N Street, Sacramento

**PHONE BRIDGE**  
**1-877-973-5015**  
**Participant Code: 6538211**

1. **Welcome and Introductions**
2. **Review and Approval of Previous Meeting Notes**
3. **District Reports**
4. **Status Reports/Various Items**
  - Highway Design Manual Revision** – Kevin Herritt
  - Bikes on Roadways Training** – Kevin Herritt
  - Interchange/Intersections Guidelines** – Richard Haggstrom
  - AB 1581 Implementation** – Jim Baross
  - Bicyclist Representation on CTCDC** – Jim Baross
  - AB 1358 and DD-64 R1 Implementation** – Caltrans Staff/OPR Staff
  - New Statewide Bicycle Committee** - Jim Baross
  - Bridge Rail** – Ken McGuire
  - California Vehicle Code 21202 Opinion** – Ken McGuire
  - Strategic Highway Safety Plan/Challenge Area 13** – Ken McGuire
5. **Unfinished Business**
  - a. **District 5 Bike Box** – Caltrans Staff
6. **New Business**
  - a. **AB 2294 – Pedicab Licensing** – Alan Wachtel
  - b. **Bike lane Ends Sign** – Bob Shanteau
  - c. **Caltrans Changeable Message Sign System** – Charles Nelson
  - d. **Seamless Travel** – Jennifer Donlon – Alta Planning + Design
7. **Legislative Update** – Alan Wachtel
8. **Old Business**
9. **Other Business/Topics for Next Meeting/Adjourn**

The next meeting of the California Bicycle Advisory Committee will be on June 3, 2010, 10:00 a.m. to 3:00 p.m. in Room 2116, 2<sup>nd</sup> floor, Department of Transportation headquarters, 1120 N Street in Sacramento.

**SUMMARY NOTES  
CALIFORNIA BICYCLE ADVISORY COMMITTEE  
February 4, 2010 10:00 a.m. to 3:00 p.m.  
Caltrans Headquarters 1120 N Street – Room 2116  
Sacramento, CA**

**1. Welcome and Introductions**

Alan Wachtel called the meeting to order at 10:11.

**Members Present: (includes teleconference attendees)**

Alan Wachtel, CBAC Chair – California Association of Bicycling Organizations (CABO)  
Hamid Bahadori - Auto Club of Southern California  
Jim Baross, CBAC Vice-Chair – San Diego Co. Bicycle Coalition/CA Bicycle Coalition  
Andrew Casteel – Bay Area Bicycle Coalition  
Sean Co – Metropolitan Transportation Commission  
Lynne Goldsmith – Los Angeles County Metropolitan Transportation Authority  
Dan Klinker – County of Sacramento  
Ken McGuire – Caltrans Bicycle Facilities Unit  
Michelle Mowery – City of Los Angeles

**Others Present: (includes teleconference attendees)**

John Cinatl – Caltrans District 6  
Robert Cronin – Silicon Valley Bicycle Coalition  
Seth Cutter – Caltrans District 11  
Michelle De Robertis – Santa Clara Valley Transportation Authority  
Fabian Favila – City of Santa Rosa  
Alan Forkosh - CABO  
Adam Fukushima – Caltrans District 5  
Jennifer Gress – Senate Transportation and Housing  
Dan Gutierrez -  
Kevin Herritt – Caltrans Design  
Bruce McGagin – Caltrans legal  
Ty Polastri – Lake Tahoe Bicycle Coalition  
Roberta McLaughlin - Caltrans Traffic Operations  
Nicolas Don Paladino - Fresno Cycling Club  
Tamy Quigley – Caltrans District 2  
Dario Senior - Caltrans District 5  
Bob Shanteau – CABO Transportation Engineering Liaison  
Devinder Singh - Caltrans Traffic Operations

**Members Absent:**

Marie Haddad – California State Automobile Association  
Clark Thompson – Fresno Council of Governments  
Jeffery Rosenhall – California Department of Public Health  
Steve Valdez – California Highway Patrol

**2. Review and Approval of Previous Meeting Notes**

Notes for the December 3, 2009 meeting were approved as presented.

### **3. District Reports**

**District 1** – Alyson Hunter reported. The District's Bike-to-Work (BTW) day/month activities will take place on May 13 in Eureka and May 20 in Arcata. Local advocate groups coordinate the events and the District supports their efforts. The District is updating the Bicycle Touring Guide and Pacific Coast Bicycle Route (PCBR) brochure and hopes to complete the effort by mid-May for distribution at BTW day/month events. The District is working to relocate the PCBR back onto the Route 1 mainline from MacKerricher State Park. The District is looking forward to getting complete streets guidelines that will help in the design phase of new projects.

**District 2** - Tamy Quigley reported. District 2 held complete streets workshops on February 9 and 10. The workshops are sponsored by the Healthy Transportation Network. The California Bicycle Coalition, the Rails to Trails Conservancy, and the Local Government Commission facilitate the workshops. There will be a total of six workshops in California in this effort.

**District 3** - The new D-3 Bicycle Coordinator is Aaron Cabaccang.

**District 4** - Funding was approved for shoulder widening at 61 spot locations on State Route 9 in Santa Clara County between Saratoga and SR 35. SR 121 in Sonoma County: Centerline and shoulder rumble strips are proposed along two sections of SR 121 with shoulder widths varying from 0 to 5 feet. Project was presented at the last District Bicycle Advisory Committee meeting and the shoulder rumble strips option is currently being reconsidered. Conversion of shoulder to channelized right-turn lanes at Skyline Drive (SR 35)/Skyridge Drive) in Pacifica, San Mateo County: Issue was discussed at the last D4 BAC and during a site visit on Feb 2, 2010 with the Silicon Valley Bicycle Coalition and CT Traffic Safety. Agreement was reached to remove all channelizers separating the right-turn lane into the subdivision and to provide an approximately 5 foot wide opening between the remaining channelizing poles in order to reach the shoulder past the barrier. Sharrows on SR 82 (El Camino Real) in Millbrae, San Mateo County, are approved but not yet in place. The District is studying SR 1 (Shoreline Highway) in Mill Valley, Marin County to discuss multi-modal improvements. This highly-constrained corridor connects US 101 with national and state parks. The District 4 Bicycle Advisory Committee continues to discuss the committee structure and operational procedures. Scope for a D4 bicycle map is being developed by a volunteer in the Bicycle Coordination branch. CT-sponsored and UC Berkeley-implemented District 4 Bikesharing Program will hopefully be up and running within the next 2 to 3 weeks. 8 brand new bicycles and 8 e-lockers (same as BART lockers) plus software are in place. Staff waiting for review of the waiver by Caltrans Legal.

**District 5** - Staff is putting the finishing touches on a road diet of Hwy 227 through the City of San Luis Obispo, which includes wider bike lanes, pedestrian refuge islands, and reducing 4 lanes to 2. District 5 is also working with local agencies on a proposed route of the U.S. Bicycle Route System lead by Adventure Cycling. On January 28th, District 5

held a workshop on several Caltrans grants including the Community Based Transportation Planning Grant and the Environmental Justice Grant, which have both funded bicycle plans and city revitalization projects with bicycle improvements. On January 21, District 5 staff appeared before the California Traffic Control Devices Committee to request approval to experiment with a bike box.

**District 6** - John Cinatl reported. Fehr and Peers is preparing the Fresno bike plan. Fresno County is updating its plan in-house. Clovis is also updating its plan. District staff commented on the Visalia Trail Plan. District staff evaluated 7 Bicycle Transportation Account applications. Tulare withdrew its application. The Fresno Bike Coalition's bike day event will be during Bike to Work Week

**District 8** – The District is planning to update the District 8 bike map in the future; staff has received input concerning highways open to bicycle travel from the appropriate functional units in the District. Staff participated in a Public Meeting-Bicycle Planning Session in the City of Corona on Dec. 10, 2009. Staff is working on access along I-10 in the Beaumont/Banning area and investigating the development of a District Bike Plan in the future. Staff is working with District Local Assistance Branch on issues that came up in Bicycle Transportation Account applications. Staff is providing assistance with the Transportation Planning Grants call for projects.

**District 11** – Seth Cutter made a complete streets presentation to senior district staff.

**District 12** - Amtrak & Bicyclists – Staff has have received numerous emails from bicyclists riders expressing concerns with Amtrak trains and having to wait for later trains because Amtrak will not accommodate cyclists. Staff received an email concerning the possible closure of Camp Pendleton to cyclists. Districts 11 and 12 are in contact with the base Military Police to hopefully get confirmation. Staff is gauging the district and local demand for a basic traffic skills class; will be contacting Kathy Keehan (Exec. Director of the San Diego County Bicycle Coalition) about possible funding as she was the main point of contact for the class that was offered in D11.

#### **4. Status Reports/Various Items –**

**Highway Design Manual (HDM) Revision** – Kevin Herritt reported. Proposed HDM revisions will be circulated for comment in late April/early May 2010 and completed by the end of the fiscal year. The objective is to make the HDM more balanced and complete – for all modes. The team that reviewed the manual for opportunities to include/improve multimodal language wanted to rewrite the entire document. Caltrans management wants to accelerate the process and has instructed staff to focus on specific areas – add more bike/ped info to the introduction, the design user and vehicle, cross-sections, bike/ped crossings, intersections/interchanges, and connections to transit, bus stops etc. Kevin is requesting feedback from various partners. The group also discussed the meaning of “shall” statements in the manual. Bob Shanteau noted the importance of addressing sight distance. Alan Wachtel noted the various efforts over the years to revise the HDM.

**Bikes on Roadways Training** – Kevin Herritt reported. The class is now entitled Understanding Bicycle Transportation and scheduled for two deliveries in Los Angeles in

late May 2010. Jim Baross mentioned the benefit of having a League Certified Instructor involved in the class. Dan Gutierrez is working on the curriculum with Maggie O'Mara.

**Interchange/Intersections Guidelines** – Richard Haggstrom reported. Caltrans Traffic Operations is updating its 1985 guidance for interchanges and intersections. As part of the update, Caltrans has hired Cambridge Systematics and Alta Planning + Design to develop guidance for accommodating bikes and pedestrians in interchanges and intersections. The Consultant team has developed draft guidance. CBAC is welcome to provide comments by 2/16/10 while the consultant is still on board. Comments should address major issues and be sent to Ken McGuire or Richard Haggstrom. The consultant contract includes a training component. There have been two pilot deliveries of the training – with emphasis on the state highway system. Where the proposed guidance conflicts with the Highway Design Manual (HDM), the HDM takes precedence. Development of the guidance is an action item for the Department's complete streets implementation plan and is also included in Strategic Highway Safety Plan Challenge Areas 8 and 13. Alan Wachtel asked if the bike/ped guidance will be incorporated into the main update of the 1985 document. Richard Haggstrom said there will be two documents. Jim Baross asked why there will be two rather than one document? Richard responded that the information will be integrated – primarily electronically. Alan Wachtel asked how people would know to look at the separate document. Richard mentioned the importance of training. Alan expressed hope that the HDM will reference the new guide. Roberta McLaughlin noted the importance of referring to existing standards. Alan mentioned the need for guidance on freeway ramp geometry. Richard mentioned the new guide is based on the guiding principles in the original 1985 document.

**AB 1581 Implementation** – Jim Baross reported. At its January meeting, the California Traffic Control Devices Committee (CTCDC) advised Caltrans to implement Traffic Operations Policy Directive 09-06 essentially as written with one addition to the Option statement in the directive – as suggested by CBAC. The CTCDC also acknowledged the potential for additional changes based on additional research. Issues discussed included bicycle start up time and intersection clearance time. Dr. Steven Shladover at UC Berkeley PATH has been working on these issues. Bob Shanteau will be attending a demonstration of microwave technology available from SEDCO. The company claims the sensor will differentiate between bikes and pedestrians. The product detects bodies, rather than bikes and is able to count turning traffic and the direction of travel.

**Bicyclist Representation on CTCDC** – Jim Baross discussed the presentation he made at the January CTCDC meeting. The discussion at the CTCDC meeting addressed various aspects of the issue – other modes that don't currently have a representative on the committee, the need for bike/pedestrian expertise in CTCDC matters, the best way to use CBAC's expertise, the most effective group size to address the issues, using legislation to change the CTCDC membership, local agency experiments that have not been reviewed by CBAC – some agencies have requested Federal Highway Administration rather than CTCDC permission to experiment. Experimentation requirements – for standard MUTCD issues vs. life saving items, the relative effectiveness of statewide vs. local or grass roots advocacy, enforcement of standards, injunctive relief when standards are followed; changing the CTCDC meeting process to allow for more public comment. Devinder Singh mentioned the CBAC AB 1581 subcommittee (bike/motorcycle detection) effort as an

example of CBAC providing input to the CTCDC. Devinder also mentioned an upcoming meeting with Caltrans Staff, Jim Baross, and others to discuss the best use of CBAC's expertise.

**AB 1358 and DD-64 R1 Implementation** – Ken McGuire reported. The Department's complete streets action plan is now available to the public.

**New Statewide Bicycle Task Committee** – The committee will be meeting on February 5, 2010. Future meeting will be monthly or as needed. The full membership has not yet been determined. The group is planning to complete its tasks by December 2010. A proposal for legislation is a possible outcome from the task force effort. Notes from the group's kickoff meeting are posted on the California Association of Bicycling Organizations website. Lynne Goldsmith noted the many differing but valid opinions on bicycling issues.

**Bridge Rail** – No report

**California Vehicle Code 21202 Opinion** – Bruce McGagin reported. The Caltrans Chief Counsel is reviewing the opinion. Bruce cited attorney/client privilege as the reason he can't share specifics about the opinion. Alan Wachtel noted the role of courts to apply the law. Alan also mentioned the potential for the opinion to result in a change to the law. Alan Wachtel, Jim Baross, and Bob Shanteau were members of a CBAC subcommittee that developed the question in the request for the legal opinion. Bob asked if the question had changed. Per attorney/client privilege Bruce is unable to answer.

**Strategic Highway Safety Plan (SHSP)/Challenge Area 13** – Ken McGuire noted the importance of completing the short term actions by June 30, 2010. The Department is completing the bikes in work zones typical applications and will share the final versions with CBAC and the CTCDC.

## **5. Unfinished Business**

**a. Caltrans District 5 Bike Box Proposal** – Dario Senor led the discussion. The district wants CBAC's approval and input on the proposal. Concerns about two limit lines being in conflict with the California Vehicle Code (CVC) caused Caltrans – the proposal sponsor - to pull the item from the January 21 California Traffic Control Devices Committee (CTCDC) agenda. A CBAC vote on the proposal would not be necessary because the main issue is the proposal's conflict with the CVC. The District is still interested in pursuing the project. Dario prefers experimentation over changing the CVC. CBAC had not taken a formal vote on the proposal when it was presented at a previous meeting, but suggested the District present the proposal to the CTCDC. Attendees discussed possible modifications to the District's proposal and other possible experiments. The discussion addressed the value of experimenting with different designs. Michelle De Robertis commented that the point of experimentation is to explore different designs. Lynne Goldsmith supports approval of bike box experiments. Alan Wachtel suggested Dario rework the proposal to be acceptable to the CTCDC.

## **6. New Business**

**a. Operating Motorcycles/Bicycles on Roads with Delineated Traffic lanes** –

Bob Shanteau shared a presentation on this topic.

**B. Bicycle/Automobile Parking Asset Management System** – Ty Polsastri shared a presentation

**7. Legislative Update** – February 19 is the deadline for introducing bills. There was a brief discussion about legislation to increase fines for using a handheld cell phone or texting while riding a bicycle.

**8. Old Business** – None

**9. Other Business / Topics For Next Meeting / Adjourn**

**High Speed Rail (HSR)** – Jennifer Gress mentioned raised several issues: Bike access across the HSR system. (Attendees believed the HSR would be grade separated.) Jennifer also mentioned accommodations for bikes at HSR stations and aboard the trains. According to Eric Fredericks and the HSR environmental document, the HSR system will accommodate bicycles. John Cinatl mentioned the High Speed Rail Commission's plan to locate the system's primary repair facility at a mid-point along the route from Sacramento to San Diego or from the Bay Area to San Diego. Many San Joaquin Valley cities have sent in proposals for the repair facilities to be located in their general area. As many as 1500 jobs may be gained for the community that lands the facility. John has attended several HSR meetings in Fresno and advocated for bike facilities (lockers and racks) at the stations and on the trains.

**Bicycling Training** – Jim Baross mentioned a vehicular cycling class in District 11. Jim was the instructor. John Ciccarella will be doing some training in the Los Angeles area.

**Bike Stations** – Lynne Goldsmith discussed two bike stations that will be opening in Los Angeles County. There are indications that more will be developed in the county. The bike station in Covina will provide space for 36 bikes in an area equal to two motor vehicle parking spaces. The Claremont bike station will be in a former train depot. Additional bike station issues include: partnerships with nearby bike shops and linking the bike stations with similar technology. A Los Angeles area bike sharing study will launch in mid summer 2010. The City of Los Angeles will be included. The first bike count on the Orange line will happen in March 2010; data analysis will happen in April and May. Counts might be conducted on other regional rail lines. Agencies conducting the counts hope to use the count data for modeling.

**Bridge Access** – Michelle Mowery raised the issue of bicycle access to the new bridge that will replace the existing Schuyler Heim Bridge. Ken McGuire will follow up. Jennifer Gress is interested in the status of bicycle access to the Gerald Desmond Bridge. Both structures serve Terminal Island in the Long Beach area.

**Culver City Bike Path** – There was a brief discussion about a bike path in the median of Culver Boulevard. Culver Blvd. and the median were affected by a recent I-405 widening project that realigned the path such that two billboard I-beams are now in the path travelled way. The path is closed pending resolution of the path I-beam issue.

**Counting Bikes and Pedestrians** – There was a discussion about recent efforts to count bicycling and walking trips. Alta Planning + Design's recent Seamless Travel Survey and the 2008 National Household Travel Survey (NHTS) were mentioned. The NHTS data is now available. Richard Haggstrom mentioned methods developed by previous counting projects – and the potential for simplifying the methods to make them easier to use. A counting guidebook is also a possibility. Bob Shanteau mentioned microwave detectors that can also count. Alan Thompson mentioned the benefits of recording the detection information for counting and counting large areas to limit costs.

**California Interregional Blueprint/California Transportation Plan** – Ann Mahaney discussed the Caltrans effort to develop a state level transportation blueprint focused on interregional travel needs. The blueprint will be the foundation of the 2040 update to the California transportation Plan.